

L9 ANSWER 17 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1975:595135 CAPLUS

DOCUMENT NUMBER: 83:195135

TITLE: Treating fibers

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SOURCE: Jpn. Tokkyo Koho, 6 pp.

CODEN: JAXXAD

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 49040040	B4	19741030	JP 1972-57856	19720610
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PRIORITY APPLN. INFO.:			JP 1972-57856	19720610
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AB Fibers are treated with a liq. prepd. by mixing an aq. dispersion of a fluorine-contg. polymer contg. a C3-21 perfluoroalkyl group with an antistatic agent and a water-sol. salt to give antistatic fibers with improved water and oil repellency. Thus, a mixt. of (CF<sub>3</sub>)<sub>2</sub>CF(CF<sub>2</sub>)<sub>6</sub>CH<sub>2</sub>CH(OH)CH<sub>2</sub>OOCCH:CH<sub>2</sub> 36, N-methylolacrylamide 0.34, 2-ethylhexyl methacrylate 31.5, H<sub>2</sub>O 45, Me<sub>2</sub>CO 7, and 62:38 dimethyloctadecylamine-glacial acetic acid mixt. 6.4 g was stirred at room temp., heated to 40-55.degree., mixed with an aq. soln. contg. 5 g H<sub>2</sub>O and 0.06 g HCl, heated to 58-62.degree., and stirred for 3 hr. The stable polymer [ \*\*\*55527-32-7\*\*\* ] dispersion (1 part) was mixed with a soln. of 1 part Parmax AW-2 [11121-11-2] in 20 parts H<sub>2</sub>O and an aq. soln. contg. 0.5 part NH<sub>4</sub>Cl [12125-02-9] in 20 parts H<sub>2</sub>O and then dild. with H<sub>2</sub>O to 100 parts. A Tetoror broadcloth (15 parts) was dipped into the \*\*\*emulsion\*\*\* for 3 min, squeezed to 100% pickup, dried at 80.degree. for 20 min, and then heat-treated at 150.degree. for 3 min, giving an antistatic cloth with improved water and oil repellency.

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